

ABSTRACT OF THE INVENTION

A cooling system for an out drive of a stern drive device draws water from a body of water in which a marine vessel is operated and conducts the water through a conduit to an outlet end that is configured to direct a stream of water into a space which is defined under a removably attachable cover and above a surface of a heat producing portion of the out drive. The cover contains a turbulently flowing stream of water in the space in order to more efficiently conduct the water in thermal communication with the outer surface of the heat producing portion. Return passages are provided between the cover and the surface of the out drive to allow water to return, under the influence of gravity, back to the body of water from which it was drawn.